



Karol Zajac

My name is Karol Zajac and I am working as Scientific Programmer at Sano – Centre for Computational Personalised Medicine. I am in both Extreme-Scale Data and Computing Team and Scientific Programmers Team.

I graduated with a Bachelor's degree in Computer Science from AGH University of Science and Technology in Cracow and am currently completing my Master's degree in Data Science at Cracow University of Technology. Since 3 years, I have been working as a Scientific Programmer at Sano - Centre for Computational Personalised Medicine, where my research has primarily focused on High-Performance Computing (HPC) and large-scale computations.

I have had the opportunity to apply my expertise to adapt in silico computational models from the EU project In Silico World (ISW) onto HPC infrastructure, as well as integrate them with the Model Execution Environment (MEE) platform, ensuring scalability and efficiency of conducted experiments. Additionally, I have been involved in developing new MEE extensions for supporting the execution of campaign simulations of patient cohorts and simulation data sharing. During the ISW project, I supervised and supported experiments, utilizing a total of 5 million CPU hours.